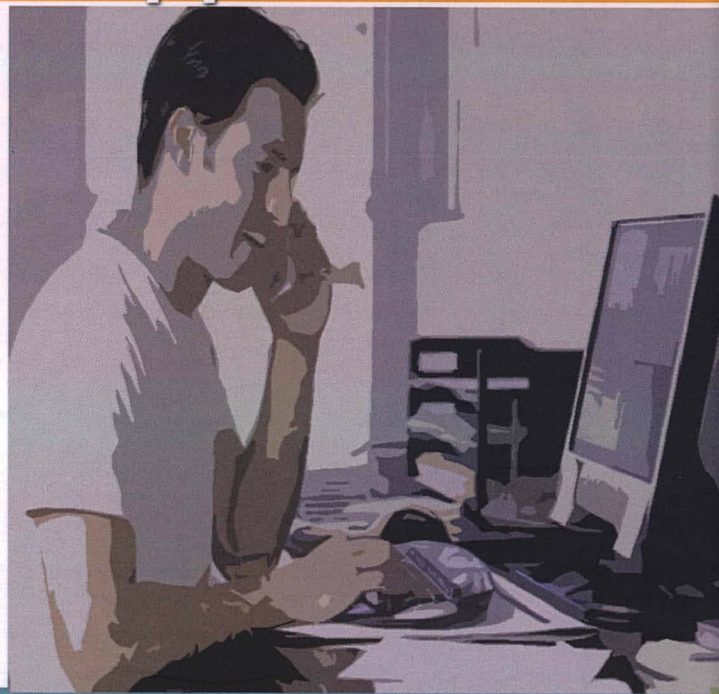


# Computer Applications

Theories and Applications

Imad Fakhri Taha Al Shaikhli  
Akram M. Zeki  
Asadullah Shah



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# Computer Applications: Theories and Applications

Edited By:

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## **9. Developed System for Quran Protection using LSB Replacement and MD5**

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**Mohammad A. Ahmad, Sondos Alhussainan, Imad Fakhri Taha  
Al-Shaikhli**

### **ABSTRACT**

Protection mechanisms are demanding tools in information security today. Thus, the Holy Quran is one type of this information and needs to be protected from being tampered or changed. In this paper, message will be hiding inside Holy Quran document (image format) by using (LSB replacement) Least Significant Bits technique. It's a random dispersion bits of the message in the picture. After getting the hiding message using LSB, the cover Holy Quran image will pass it in hash function to get a hashing value by using (MD5) technique to increase the security level.